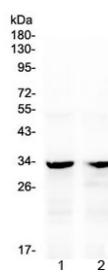


## Caspase-6 Antibody (R32928)

| Catalog No. | Formulation   | Size   |
|-------------|---|--------|
| R32928      | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

**Bulk quote request**

|                             |   |
|-----------------------------|---|
| <b>Availability</b>         | 1-3 business days   |
| <b>Species Reactivity</b>   | Mouse, Rat  |
| <b>Predicted Reactivity</b> | Human   |
| <b>Format</b>               | Antigen affinity purified                                   |
| <b>Host</b>                 | Rabbit  |
| <b>Clonality</b>            | Polyclonal (rabbit origin)                                  |
| <b>Isotype</b>              | Rabbit IgG  |
| <b>Purity</b>               | Antigen affinity  |
| <b>Buffer</b>               | Lyophilized from 1X PBS with 2% Trehalose                   |
| <b>UniProt</b>              | P55212  |
| <b>Localization</b>         | Cytoplasmic   |
| <b>Applications</b>         | Western Blot : 0.5-1ug/ml                                   |
| <b>Limitations</b>          | This Caspase-6 antibody is available for research use only. |



Western blot testing of 1) rat kidney and 2) mouse kidney with Caspase-6 antibody at 0.5ug/ml. Predicted molecular weight ~33 kDa (precursor).

### Description

Caspase 6 is an enzyme that in humans is encoded by the CASP6 gene. This gene encodes a protein that is a member of the cysteine-aspartic acid protease (caspase) family. Using radiation hybrid mapping, the CASP6 gene is localized to human chromosome 4q25-q26. It functions as a downstream enzyme in the caspase activation cascade. And CASP6 can

cleave lamin A to its signature apoptotic fragment.

## Application Notes

Optimal dilution of the Caspase-6 antibody should be determined by the researcher.

## Immunogen

A recombinant human protein corresponding to amino acids A194-N293 was used as the immunogen for the Caspase-6 antibody.

## Storage

After reconstitution, the Caspase-6 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.